

Option C

**AB 1109 Taskforce
Committee on
Collection/Recycling**

For Discussion Purposes Only

The Charge: A system which is

- Effective
- Cost-efficient
- Convenient

for the consumer

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Collection and Recycling Process

- All manufacturers, distributors, commercial transporters, wholesalers and retail sellers which sell, deliver or otherwise provide fluorescent light bulbs to any consumer, business or other user within the State of California shall be required to accept used bulbs back at end of life.
- No fees shall be charged by any of the parties listed above for the collection of used bulbs. It is expected that any additional costs will be built into the price of the product.
- All used bulbs shall be handled and processed in accordance with California State law, and directed to approved recycling facilities for safe processing.

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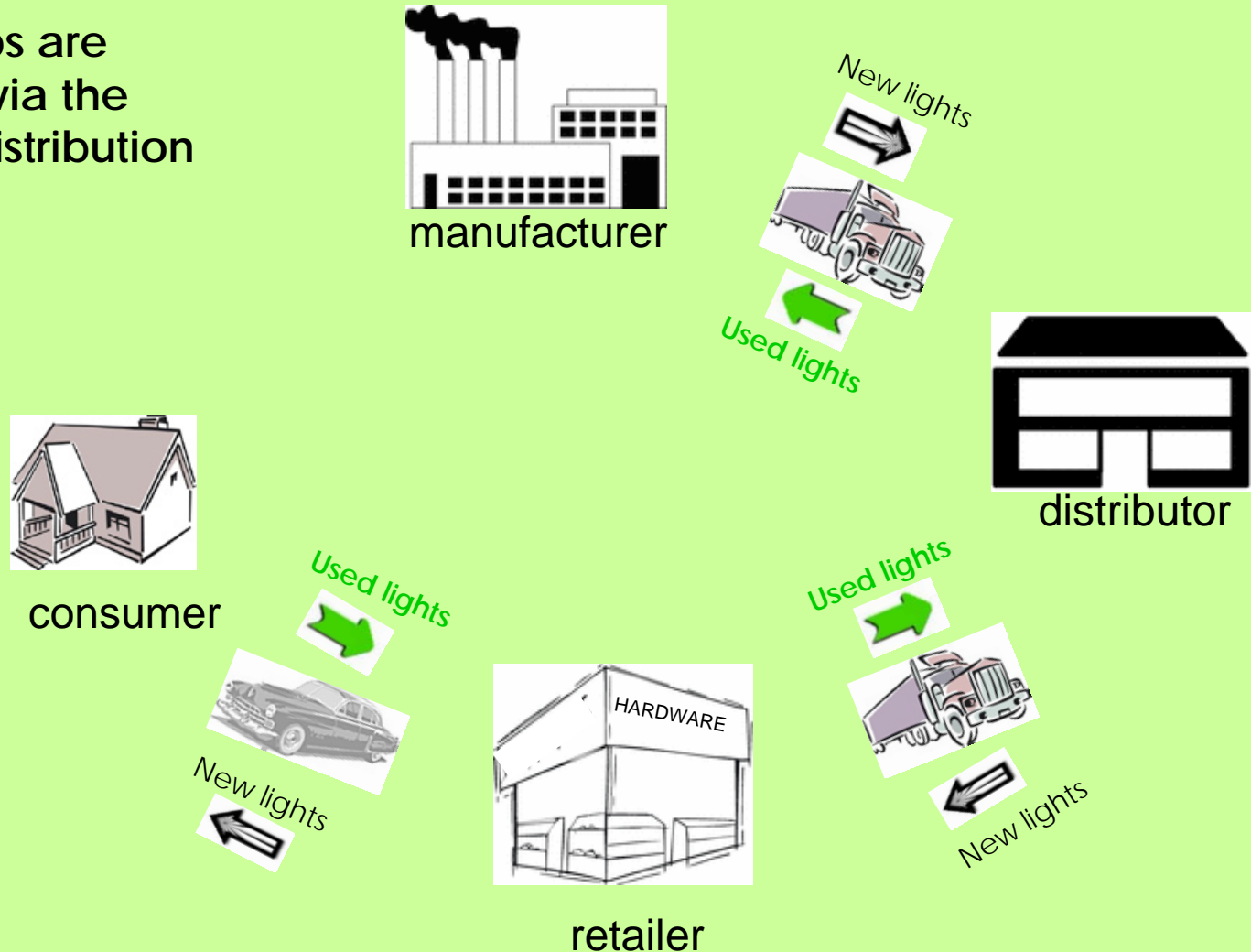
Collection & Recycling (cont'd)

- Manufacturers and sellers may designate alternate facilities for collection of lamps where appropriate. Such facilities must be no less conveniently located than the nearest retail establishment which sells fluorescent lamps, must be staffed and open a minimum of 8 hours per day and 6 days per week, and must collect and process lamps in accordance with California State law and all relevant safety regulations
- Nothing in this plan shall prohibit consumers from using mail-back programs at their discretion.

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Collection Process

Used bulbs are returned via the original distribution network



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Why Take It Back?

- Convenient: consumers return old bulbs when they buy new ones
- Efficient: takes advantage of existing distribution networks
- Cost-effective: No charge for consumers, no need for separate recycling system

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What about Greenhouse Gases?

- Minimizes greenhouse gases
- Eliminates extra trips by consumer
- Sends empty trucks back full
- No need for extra trips, extra trucks, or separate recycling systems

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Roles & Responsibilities

- Consumers
- Sellers
- Utilities
- Manufacturers
- Recyclers
- State government
- Local government

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Consumers

- Encouraged to replace incandescent bulbs with fluorescents
- Required by law to recycle old bulbs
- Safely transport old bulbs back to store for recycling
- Keep informed about new rules for recycling and safe handling

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Sellers

- Accept used bulbs back at end of life
- Publicize takeback program
- Responsible for safe handling
- Work with manufacturers to develop efficient takeback system
- Work to meet established takeback goals
- Provide data on sales and takebacks

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Utilities

- Encourage use of energy efficient bulbs
- Provide statewide publicity about proper recycling of spent bulbs
- With approval of Public Utilities commission, provide grants from public goods funds for:
 - 1) grants to local governments and non-profits for local outreach and education programs
 - 2) grants to local governments for improvements to local Household Hazardous Waste collection programs for proper collection and processing of fluorescent bulbs.

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Manufacturers

- Develop appropriate labels
- Accept used bulbs back at end of life.
- Direct bulbs to approved recycling facilities for safe processing.
- Work with retailers and distributors to develop most efficient takeback system.
- Invest in development of alternatives containing fewer toxic materials.

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Recyclers

- Process used bulbs in compliance with safety standards
- Provide data on numbers and types of bulbs recycled.
- Work with retailers and distributors to develop most efficient takeback system.

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State Government

- Develops and monitors takeback program
- Collects data from manufacturers, sellers, recyclers and local governments
- Provides incentives for compliance and to encourage improvements
- Sets standards for safe handling of used bulbs

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Local Government

- Accept used bulbs at Household Hazardous Waste facilities
- Provide data on numbers and types of bulbs recycled.
- Inform local sellers about takeback program
- Inform consumers about proper handling of used bulbs
- Monitor compliance with program

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Collection Targets

- State shall set annual goals for recycling of spent fluorescent bulbs. For the calendar year 2009, the goal shall be collection and recycling of an amount of bulbs equivalent to 10% of those sold in the state during the same period. This amount will increase by 10% each year with an ultimate goal of 100% after 10 years.
- State may supply subsidies or other incentives to sellers and manufacturers which meet goals
- State may levy fees on sellers and manufacturers which fail to meet goals in order to fund alternative collection

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